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EXERCISE DESERT ROCK LAS VEGAS NV  
EXERCISE DESERT ROCK VI. OPERATION ORDER NUMBER 8.(U)  
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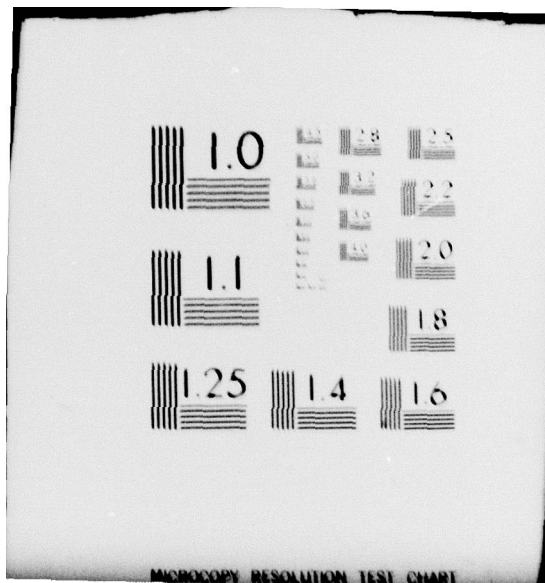
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HQ Exercise DESERT ROCK VI, Nevada  
Operation Order No. 8  
Exercise DESERT ROCK VI  
DOCUMENT IDENTIFICATION April 1955

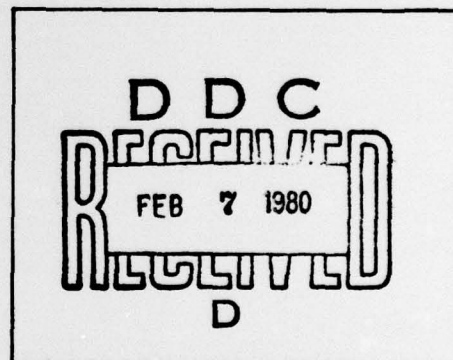
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OPERATION ORDER No. 8

DESERT ROCK 6

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By Authority of  
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# OPERATION ORDER

NO. 8

## DESERT ROCK VI



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Headquarters Exercise Desert Rock VI  
(872536) Nevada  
060800 April 1955

OPERATION ORDER NR 8

REFERENCE: MAPS: 1:50,000 Nevada

Sheets: Frenchman Lake 2857 IV  
Mercury 2857 III

TIME ZONE: Pacific Standard

TASK FORCE:

Deputy Exercise Director	Brig Gen F.W. Sladen Jr.
Control Group Commander	Lt Col D.P. Reece
Observers	Capt J.A. Carter
"C" Btry (-) 532d F.A. Bn Ober	1st Lt J.T. Braunig
6th Army CBR Defense Teams	Maj E.R. Shappell
50th Chemical Platoon	Capt W.T. Burnham
Army Aviation Section	Maj J.B. Feldt
Technical Projects	

40.17 Transportation

40.15 Engineer Field Fortifications

40.20 Quartermaster

40.14 Chemical

40.21 Ordnance BRL

#### 1. SITUATION

Atomic Energy Commission will detonate an Atomic Missile D-Day, H-Hour, which approximately 170 US Army personnel will observe, and 97 US Army personnel will participate to test equipment and training doctrine. Technical projects will test installations and equipment.

#### 2. MISSION

Headquarters Exercise Desert Rock VI will conduct shot MET, area Frenchman Flat, D-Day, H-Hour, at the Nevada Test Site to:

- a. Indoctrinate observers with the actual detonation of an atomic device.
- b. Obtain information, test equipment and train operators for FA Observation Battalion.

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c. Instruct personnel and test training doctrine for 6th Army CBR Defense Teams.

d. Obtain information, test installations and equipment for Ordnance BRL, Chemical Corps, Quartermaster, Army Engineers, and Transportation Corps.

### 3. EXECUTION

Observer Group, with Control Group, will move by motor convoy from Camp Desert Rock to observation point, vic (924635) Frenchman Flat. All personnel and vehicles will be in area "H" minus 1 hour.

#### a. Control Group

(1) Deputy Exercise Director, G-3, Signal Officer, Rad-Safe Officer, Medical Officer, Provost Marshal, and Transportation Officer.

(2) Control Group will clear Mercury check point NR 2 a minimum of 20 minutes prior to arrival of convoy.

#### b. Signal Detachment

(1) Provide wire communication with AEC at Yucca Pass.

(2) Provide wire communication with Headquarters Exercise Desert Rock VI.

(3) Provide PA system for observer area.

(4) Insure that PA system is tied in with AEC control to enable observers to hear "Count Down".

(5) Provide two (2) portable PA sets to assist observers through display area.

(6) Provide wire communications with F.A. Flash CP located vic (928657).

#### c. Rad-Safe

(1) Will provide 3 mobile survey teams mounted in 1/4 ton vehicles w/radio.

(2) H+ 10 minutes teams will proceed to display area. If area clear, will notify Rad-Safe Officer who will lead Observer Convoy to area.

(3) Survey teams will place engineer tape to mark danger areas.

(4) Will supply monitors for following projects, on call:

40.17 Transportation Corps

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40.14 Chemical Corps

40.21 Ordnance BRL

40.20 Quartermaster Corps

d. Medical

- (1) Will provide one ambulance and one aid team to move with convey.
- (2) Provide medical aid team to 532d FA Battery "C".

e. Provost Marshal

- (1) Will provide TCP's to control motor movement from Camp Desert Rock to observation point, thence to display area and return to Camp Desert Rock.

- (2) Co "C", 505th MP Bn will provide personnel for TCP's.

f. 50th Chemical Platoon

Will provide personnel for survey teams and monitors for technical projects. (See para c,4)

g. FA Obsr Bn Locator of Atomic Burst Test

- (1) Consists of Battery "C" (-), 532d FA (Obsr) Battalion, a total of 80 personnel with 26 vehicles.

- (2) Locate Atomic Burst by three dimensional means, measure yield by use of EG&G Banghmeter.

- (3) Will man CP's located 7,000 to 17,000 meters from GZ. OP's will be occupied H-12 hours.

(928657) Flash CP	17 persons, 4 vehicles
(945657) Station NR 1	3 persons, 2 vehicles
(940656) Station NR 2	3 persons, 2 vehicles
(927658) Station NR 3	2 persons, 1 vehicle
(916664) Station NR 4	3 persons, 2 vehicles
(905671) Station NR 5	2 persons, 1 vehicle
(901686) Station NR 6	3 persons, 2 vehicles
(928657) Sound CP NR 1	9 persons, 3 vehicles
(805565) Sound CP NR 2	8 persons, 2 vehicles

- (4) Will insure wire communications with Control Group Commander.
- (5) Emergency Evacuation direct to Camp Desert Rock.



**h. CBR Defense Team; Sixth Army**

- (1) Two twelve man teams, 15 1/4 ton vehicles, supplemented by one pilot and L-19 aircraft from Camp Desert Rock.
- (2) Ground survey personnel will establish the 15 R/H line and will penetrate into contaminated areas no further than the 15 R line.
- (3) Aerial Survey will determine the 10 R/H iso-intensity line and delineation of areas of maximum intensity, utilizing standard ground Radiac in light aircraft.
- (4) Teams will operate 360° from G3 on D+1 and D+2 days.
- (5) Teams will not enter FF area for operation until D+1 day.

**i. Air Section**

- (1) Provide aircraft and pilots for air evacuation of injured personnel.
- (2) Provide one L-19 aircraft and pilot for CBR Defense Teams on D+1 and D+2 days.

**j. Coordinating Instructions**

- (1) Unit commanders will insure that all permanent party personnel have film badges. See MEMO 17 this Hq.
- (2) Group Commanders will organize group so that one or more responsible officers will check roster for each group. Group Commanders will certify that personnel are accurately loaded on assigned vehicles. If an individual is missing from the entrucking formation his name will be red-lined from the roster. The certified roster will be retained by S-2, Exercise Desert Rock VI for presentation to AEC upon request.
- (3) All control group personnel whose duties dictate their presence in forward area during future shots will obtain film badges.
- (4) Roll call will be held prior to loading groups in vehicles by roster.
- (5) All personnel will be familiar with provisions of Rad-Safe program.
- (6) All personnel will be informed that two (2) minutes prior to H-Hour a 30 second siren will be sounded. At this time all personnel will sit on the ground with their back toward GZ and remain in that position until announcement to rise is made over PA system.

(7) Observers will be conducted through the display area under control of the Group Commander. Groups will move on order of the Control Group Commander.

(8) All personnel will be cautioned not to pick up any items in the equipment display area, or in the vicinity of ground zero..

(9) Emergency evacuation direct to Camp Desert Rock.

#### 4. ADMINISTRATION

a. Current administrative instructions apply.

b. Transportation

(1) Vehicles and drivers names as required will be furnished by Camp Desert Rock S-4. S-3 Section will prepare a roster of observers reflecting name, rank, branch of service, badge number and vehicle number.

(2) Vehicles will be marked, front and on right side, with a letter number system, i.e., A-1, A-2, B-1, B-2, etc.

(3) Each serial will contain one empty vehicle to transport personnel in case of breakdown.

(4) A wrecker will be located at rear of each serial. Vehicles which break down during the movement to the display area will be pushed to the side of the road and remain until the return to Camp Desert Rock, at that time wreckers will tow into Camp Desert Rock, all non-operative vehicles.

c. Medical

(1) Aid station will be established in the vicinity of parking area.  
(924635)

d. Uniform and Equipment

(1) Individual participants and observers:

(a) Clothing and Equipment

Fatigues  
Combat Boots  
Field Jackets

Pistol Belt  
Canteen, w/cover & cup,  
containing water  
First aid packet and pouch

e. (1) Hot breakfast will be served in Camp Desert Rock prior to entrucking.



5. SIGNAL

a. Current SOI ANNEX B.

b. Forward CP Exercise Desert Rock VI open H-60 minutes at entrenchment area control points.

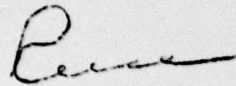
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ANNEXES:

- A. March Table
- B. Schedule of Events

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<u>UNIT</u>	<u>COPY NR</u>
DA G-3	1 - 4
6th Army G-3	5 - 6
6th Army PIO	7
AFSWP	8 - 13
CG Exercise Desert Rock VI	14
EXO Exercise Desert Rock VI	15
S-1 Exercise Desert Rock VI	16
S-2 Exercise Desert Rock VI	17
S-3 Exercise Desert Rock VI	18 - 19
S-4 Exercise Desert Rock VI	20
CO 95th Engr (C) Bn	21
Battery C - 532d Observation FA Bn	22
Instructor Group Exercise Desert Rock VI	23
CML - Rad Safe Off Exercise Desert Rock VI	24
PM Exercise Desert Rock VI	25
Trans Off Exercise Desert Rock VI	26
Signal Off Exercise Desert Rock VI	27
Surgeon Exercise Desert Rock VI	28
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Hq Comdt Exercise Desert Rock VI	30
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ANNEX A (MARCH TABLE) TO  
OPERATION ORDER NR 8

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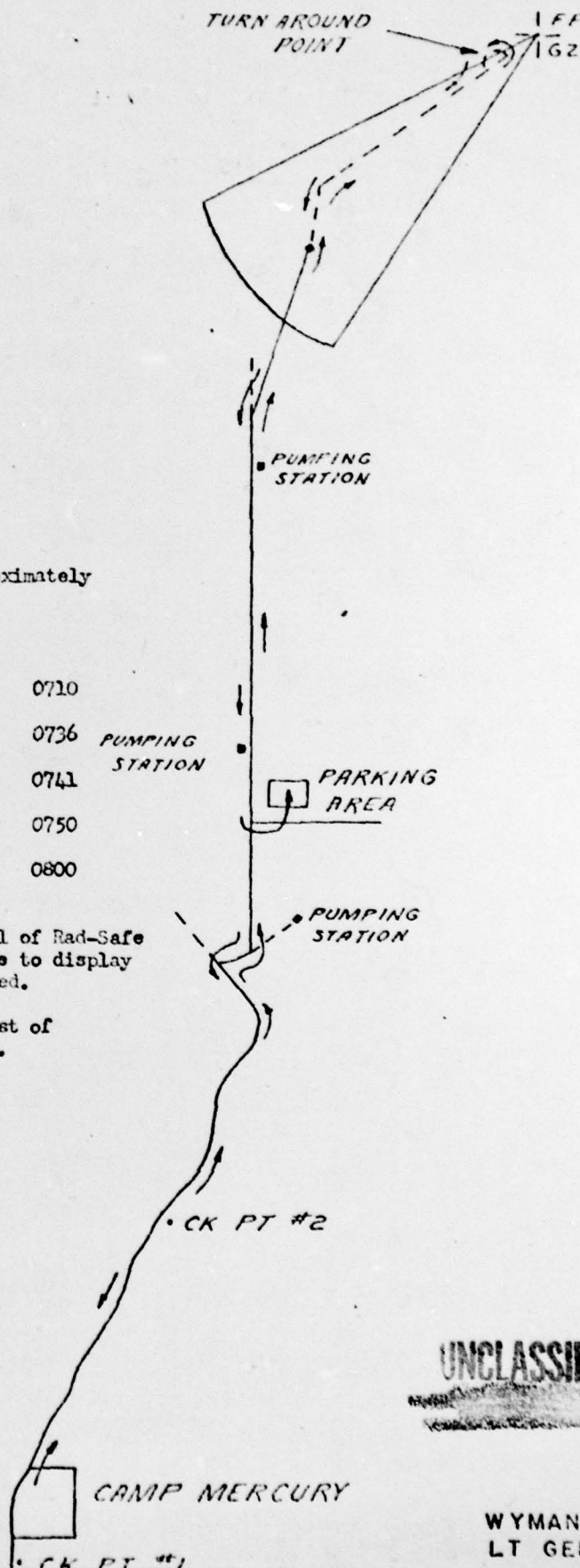
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(872536) NEVADA  
060800 APRIL 1955

"MET"

6 April 1955

1. Convoy consists of approximately 15 vehicles.
2. March Table
 

Depart Cp Desert Rock	0710
Mercury Ck Pt NR 1	0736
Mercury Ck Pt NR 2	0741
Turn off Mercury Highway	0750
Observation Point	0800
3. After shot, under control of Rad-Safe Officer, convoy will move to display area along route indicated.
4. Control Party will consist of approximately 8 vehicles.



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CAMP MERCURY

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Headquarters Exercise Desert Rock VI  
(872536) Nevada  
060800 April 1955

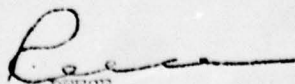
ANNEX B (Schedule of Events) TO OPERATION ORDER NR 8

TENTATIVE TIME	ADJUSTED TIME	INSTRUCTIONS
		<u>D-1 DAY</u>
0830	H-23:30	Observers depart Cp Desert Rock for display area
1600	H-17:00	532d FA Bn Occupy positions
2200	H-10:00	Project 40.20 removes covers from instruments
		<u>D-DAY</u>
0615	H-2:45	Breakfast
0715	H-1:45	Control group depart Cp Desert Rock for observation point
0750	H-1:10	Observer assemble at flag pole and load vehicles
0800	H-1:00	Observers depart Cp Desert Rock
0811	H-0:51	Observers arrive Mercury Ck Pt NR 1
0816	H-0:46	Observers arrive Mercury Ck Pt NR 2
0830	H-0:30	Observers orientated and receive safety instructions over PA system, at observation area
0858	H-0:02	Warning siren signal; Observers face opposite GZ
0900	H-HOUR	Shot
0911	H+0:11	Rad-Safe depart to check forward area
0915	H+0:16	Project 40.20 and 40.17 personnel depart to recover instruments.
0930	H+0:30	On call by Rad-Safe Officer; Observers will move to display area
1100	H+2:00	Observers depart forward area
1130	H+2:30	Observers arrive Cp Desert Rock

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